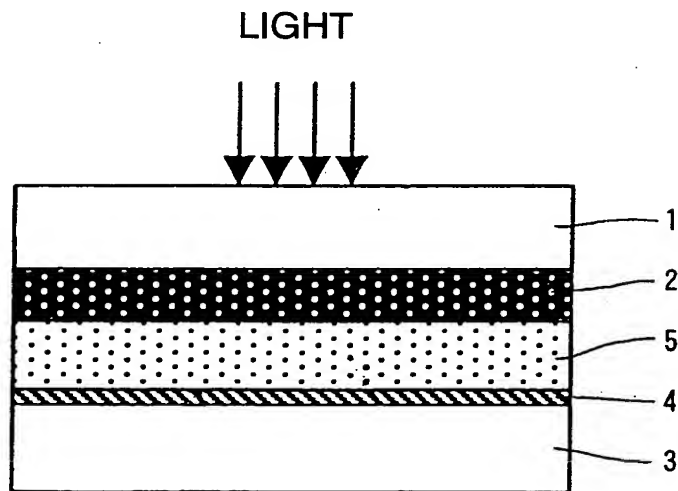
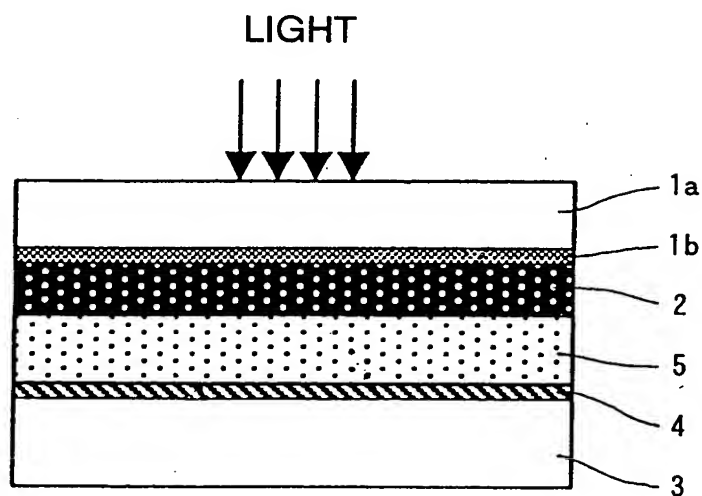


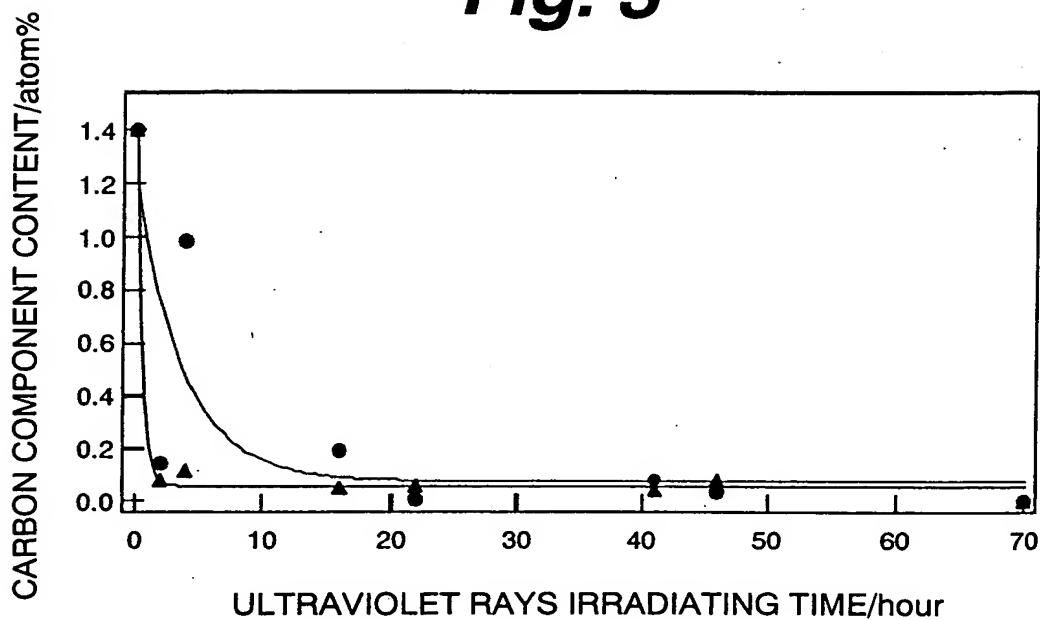
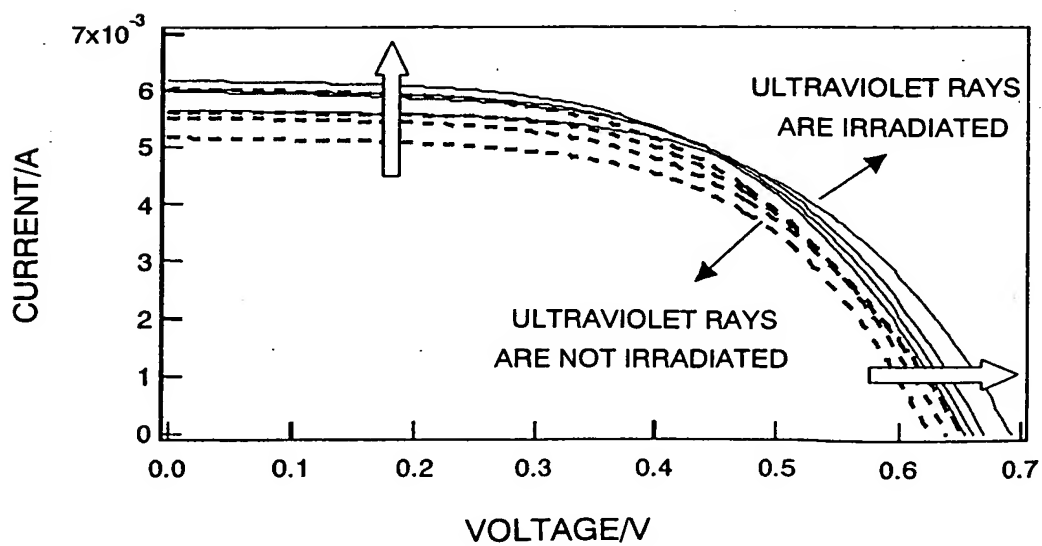
**Fig. 1**



**Fig. 2**



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**Fig. 3****Fig. 4**

DESCRIPTION OF REFERENCE NUMERALS

- 1 TRANSPARENT CONDUCTIVE SUBSTRATE
- 1a TRANSPARENT SUBSTRATE
- 1b TRANSPARENT ELECTRODE
- 2 SEMICONDUCTOR LAYER
- 3 TRANSPARENT SUBSTRATE
- 4 PLATINUM LAYER
- 5 ELECTROLYTE LAYER